

12. (New) The film scanner of Claim 10, wherein a common light source is provided for the first and the second scanning device, while at least one of the light radiation paths leading to the scanning devices incorporates an optical filter for limiting the light spectrum.

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13. (New) The film scanner of Claim 10, wherein separate light sources are provided for the first and second scanning devices, while the light currents which can be generated by the light sources are chosen to be such that their spectra substantially do not overlap each other.

14. (New) The film scanner of Claim 13, wherein the light source for the second scanning device generates light in the infrared range, and the photoelectric transducer of the second scanning device is sensitive in the infrared range.

15. (New) The scanning device of Claim 10, wherein the light source is an infrared light-emitting diode.

16. (New) A scanning device comprising:
a light source configured to generate light in the infrared range and configured to scan sprocket holes and areas around sprocket holes of a cinematographic film; and
at least one scanning sensor which is sensitive in the

infrared range.

17. (New) The scanning device of Claim 16, wherein the light source is an infrared light-emitting diode.

18. (New) The scanning device of Claim 16, wherein the scanning sensor is a camera whose imaging optics have telecentric properties.

19. (New) A film scanner comprising:

a first scanning device for scanning frames of a cinematographic film by means of photoelectric transducers; and
a second scanning device for scanning sprocket holes and areas around sprocket holes, wherein the spectral sensitivities of the first and second scanning devices lie in maximally different spectral ranges, and wherein the second scanning device is configured to detect a change in density of the cinematographic film surrounding the sprocket holes.

REMARKS

This Amendment is being filed in response to the Office Action dated August 23, 2000. Reconsideration and allowance of the application in view of the amendment made above and the remarks to follow are respectfully requested.